

# Converting Colors

Hex(CD6C5B)

Have a look what the booklet for  
Hex(CD6C5B) contains.

<b>Hex(CD6C5B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(CD6C5B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD6C5B
RGB	205, 108, 91
RGB Percent	80%, 42%, 36%
CMY	0.1961, 0.5765, 0.6431
CMYK	0.00, 0.47, 0.56, 0.20
HSL	9°, 53%, 58%
HSV	9°, 56%, 80%
XYZ	32.4277, 24.4596, 12.9096
YIQ	135.0650, 63.2690, 15.2770

# Conversions

## Conversions Part 2

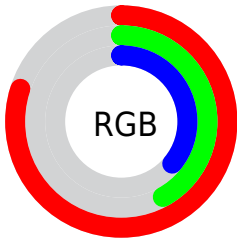
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 111, 91
Decimal	13462619
CIE Lab	56.55, 36.68, 26.82
CIE LCh	57, 45.445, 36.175
Yxy	24.4596, 0.4646, 0.3504
Android (android.graphics.Color)	4291652699 (0xFFCD6C5B)
YUV	135.0650, -21.7240, 61.3330
Hunter-Lab	49.4566, 30.4898, 19.1433

# Details

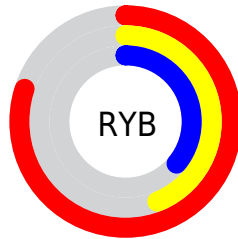
The Hex color **CD6C5B** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **5BBCCD**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FFA18D**, and **92392D** is the 20% darker color. If you saturate the color by 10%, you get **CD5B46**, and if you desaturate by 10%, it is **CD7D6F**.

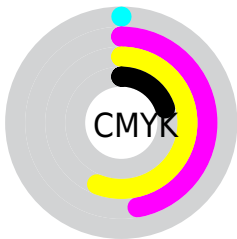
# Distribution



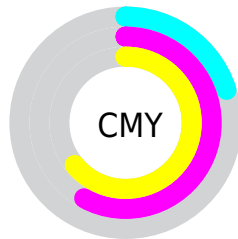
- Red (80%)
- Green (42%)
- Blue (36%)



- Red (80%)
- Yellow (44%)
- Blue (36%)



- Cyan (0%)
- Magenta (47%)
- Yellow (56%)
- Black (20%)



- Cyan (20%)
- Magenta (58%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD6C5B changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color CD6C5B by changing the saturation by 10% instead.



 CD6C5B

 CD6C5B

FFFFFF

 AF5243

 FFA18D

 92392D

 FFBDA8

 762018

 FFD9C3

 5A0200

 FFF6DF

 3E0000

 FFFFFC

 240001

 000000

 CD6C5B

 CD6C5B

 CD5B46

 CD7D6F

 CD4932

 CD8F84

 CD381D

 CDA099

 CD2609

 CDB2AD

 CD1F00

 CDC3C2

 CDD5D6

 CDE6EB

 CDF8FF

 CDFFFF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D16581



CD6C5B



B87A3F

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CD6C5B



339966



4F89D6

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



CD6C5B



5BBCCD

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0094CF



CD6C5B



009C8F

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CD6C5B



6D9345



009AB5



957AC8

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CD6C5B



A38436



009AB5



268DD6



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



CD6C5B



FFDAD4



CD5BBE



806A66



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



CD6C5B



FF6E54



CDA35B



665D5C



A61900



260600

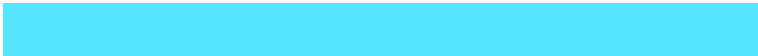


# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



5BBCCD



54E6FF



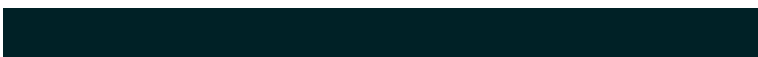
5B85CD



5C6466



008DA6



002126



# Previews

## White Background



This preview shows how the Hex color CD6C5B looks on a white background.

## Color Contrast Check

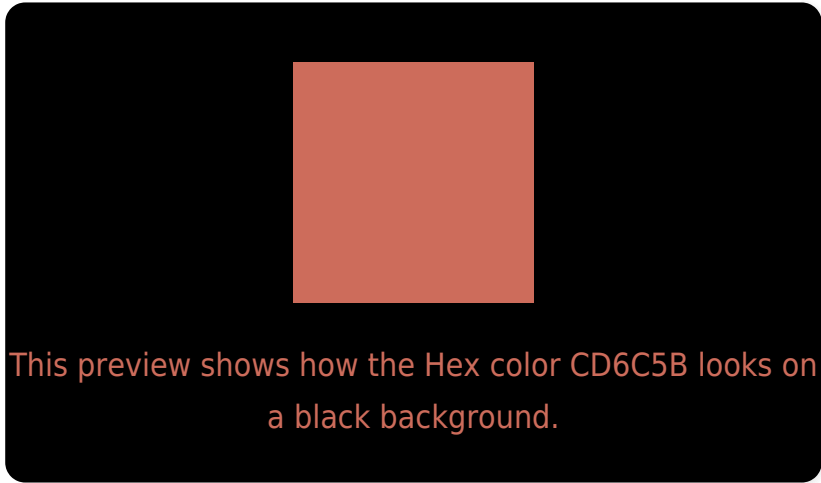
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CD6C5B Background



This preview shows how black text looks on a background with the Hex color CD6C5B.

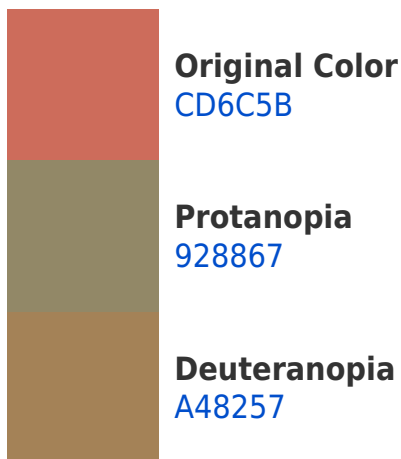


This preview shows how white text looks on a background with the Hex color CD6C5B.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
CD6C5B

**Protanomaly**  
A77E63

**Deuteranomaly**  
B37A58

**Tritanomaly**  
CE6A68

# Monochromacy



**Original Color**  
CD6C5B

**Achromatopsia**  
878787

**Achromatomaly**  
A07D77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD6C5B is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #CD6C5B looks like.

```
.text, #text, p{  
    color:#CD6C5B  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #CD6C5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD6C5B
}
```

## Border

The CSS property to change the border of an element to Hex CD6C5B is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CD6C5B }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#CD6C5B }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #CD6C5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD6C5B; -webkit-box-shadow:4px 4px  
4px 4px #CD6C5B; box-shadow:4px 4px 4px  
4px #CD6C5B }
```

# Background

The CSS property to change the background color of an element to Hex CD6C5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD6C5B }
```

If only the background color should be changed can be used:

```
.background{ background-color:#CD6C5B }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor